

FIG. 1

PROCESS	SAMPLE LOCATION	′ ວູ056	950°C ANNEAL X 2 HOURS	IOURS
		Average Grain Size (μ m)	Grain Size Range	Recrystallize (Percent)
Commercial Process	Center			
Commercial Process	Edge			
9.5"Ø, Extrude 1800°C	Center	46	<10-240	95
9.5" 8, Extrude 1800°C	Edge	40	<10-250	66
9.5"Ø, Extrude 1850°C	Center	33	<10-240	8
9.5*Ø, Extrude 1850°C	Edge	35	10-290	65
9.5*Ø, Extrude 1900°C	Center	33	10-180	20
9.5"8, Extrude 1900°C	Edge	35	<10-225	86
10.25"ø, Extrude 1900°C		32	10-110	65
10.25"Ø, Extrude 1900°C		28	<10-200	85

FIG. 2(A)

PROCESS	/ 0 _ 0201	050°C ANNEAL X 2	HOURS	1150°C	ANNEAL X 2	HOURS
	Average Grain Size (\$\mu\$)	Grain Size Range	Recrystallize (Percent)	Average Grain Size (μ m)	ge Grain Size Rec s (μ m) Range (P	Recrystallize (Percent)
		.,0				
Commercial Process	3	70-742	9			
mercial Pro	9	10-155	100			
Extrude 1	45	10-150	95	99	10-150	100
Extrude 1	35	10-135	100	75	10-200	6
Extrude 1	3	<10-110	100	75	10-110	9
9.5 %, Extrude 1850 °C	63	<10-110	100	62	10-145	9
Extrude	32	10-180	100	98	10-145	100
Extrude 19	32	<10-90	66	122	10-135	100
Extrude 1	35	10-80	66	26	10-135	901
10.25 Ø, Extrude 1900 °C	38	<10-110	100	70	10-160	100

FIG. 2(B)

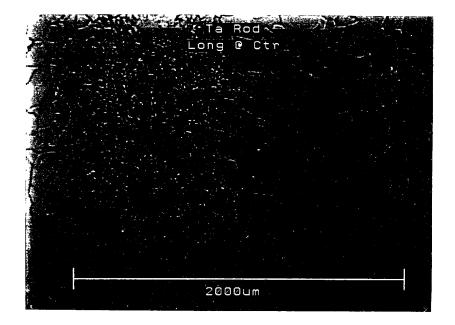


FIG. 3(A)

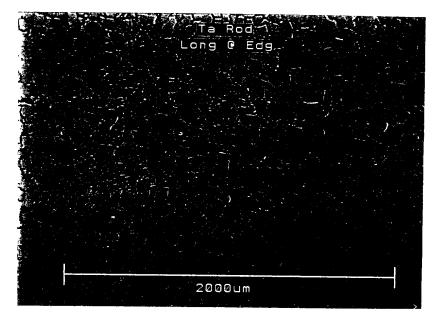


FIG. 3(B)

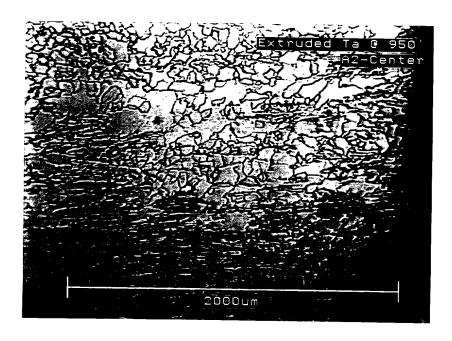


FIG. 4(A)

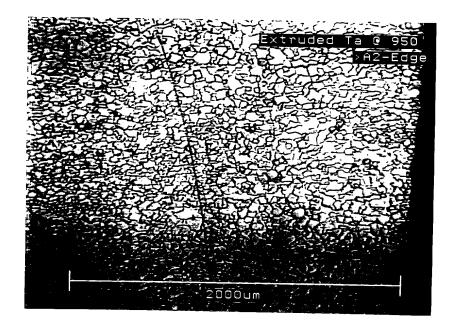


FIG. 4(B)

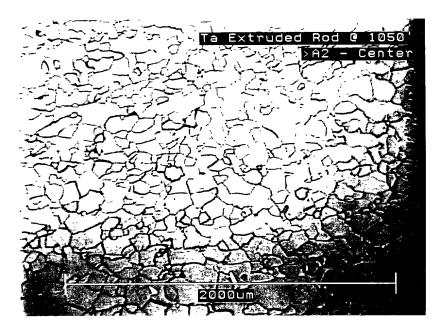


FIG. 5(A)

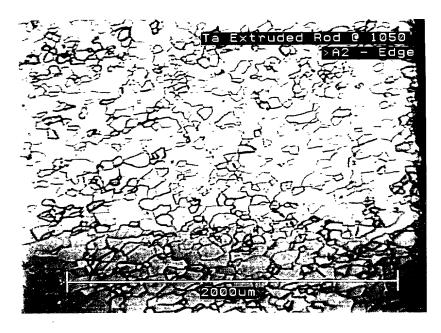


FIG. 5(B)

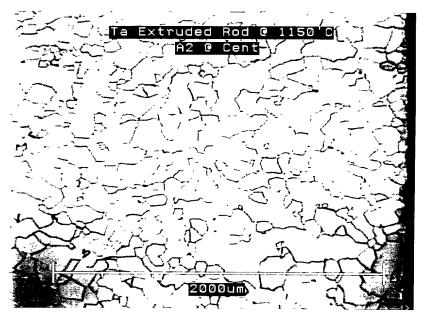


FIG. 6(A)

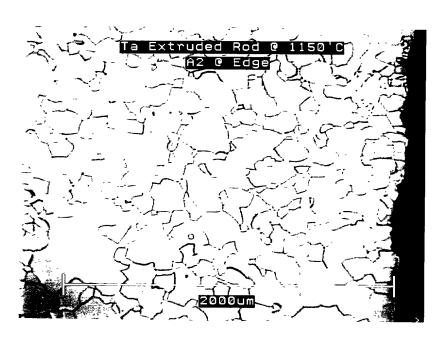


FIG. 6(B)

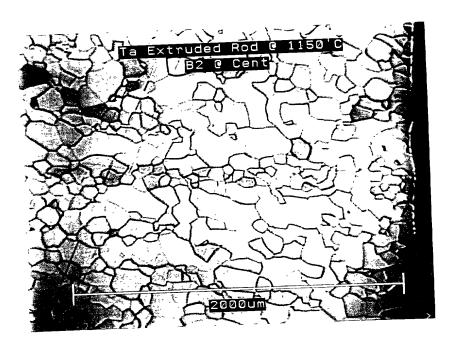


FIG. 7(A)

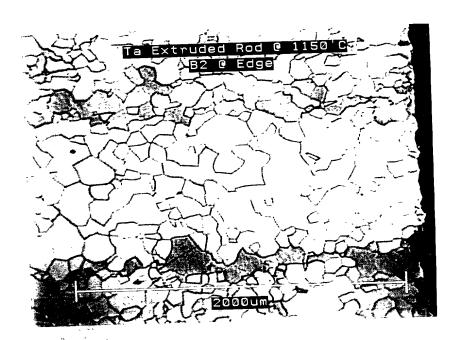


FIG. 7(B)

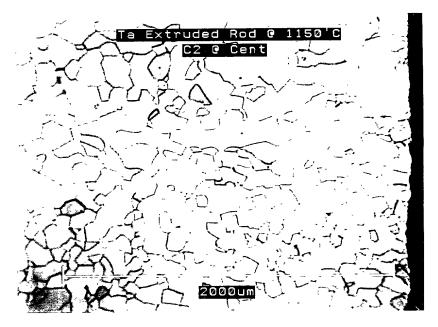


FIG. 8(A)



FIG. 8(B)

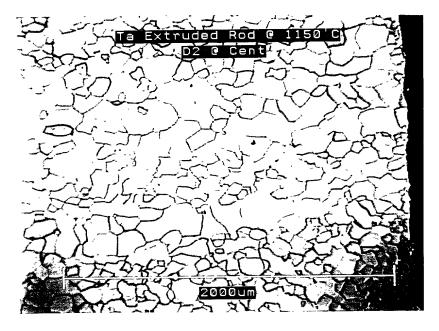


FIG. 9(A)

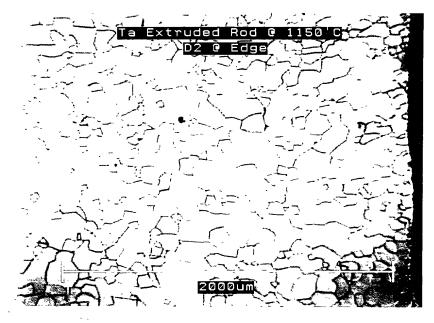


FIG. 9(B)